SCI En	por n of Highw gineering,	avs			SC	DIL BORING LOG	Date11/06
FAI 57/70	DE	SCR	IPTION	I		Bridge Boring	LOGGED BY
SECTION 25-4HVB-1		_ I	OCAT		Bridge	-EBL & WBL at U.S. Rte. 45	
COUNTY Effingham DR		ME	THOD			HAMMER TY	'PE
(EX) 025-0013 (E STRUCT. NO. (EX) 025-0014 (V Station 2294+12.22	EBL), <u>VB</u> L)	D E P	B L O	U C S	M O I	Surface Water Elevn/a f Stream Bed Elevn/a f	
BORING NO.     2A       Station     2291+58       Offset     0 ft		Т Н	w s	Qu	s T	Groundwater Elev.: First Encounter f Upon Completion f	
Ground Surface Elev. 624.4	ft	(ft)	(/6")	(tsf)	(%)	After Hrs f	
Medium, very damp, SILTY CLAY (continued)	583.4	_					
Stiff, very moist, CLAY TILL		_	07	2.0	10		
Very dense (hard), very moist,	582.4	_	27	E			
SANDY CLAY LOAM TILL							
		_	60	4.0	10		
		-45	60	S			
Very dense, very moist, SANDY	578.9	_					
CLÁY LOAM TILL with 1/2" thick SAND lenses		_	95		8		
		_					
Very dense, very moist, CLAY	576.4	_					
TILL			104		9		
		-50					
		-					
		_	100		9		
		_					
		_	53		11		
		-55					
		_	1				
Boring terminated at 57 ft.	567.4	_	107		9		
boning terminated at 57 it.		_					
		_					
		-60					

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Illinois D of Trans	of Highwa	ati	ion		SC	DIL BORING LOG	
FAI 57/70	DES	SCRI	PTION	ı		Bridge Boring LOGGED BY	ROUTI
SECTION25-4HVB-1		_ L	OCAT		Bridge	-EBL & WBL at U.S. Rte. 45	SECTIO
COUNTY Effingham DR	ILLING	ME	тнор			HAMMER TYPE	COUNT
(EX) 025-0013 (E       Station     (EX) 025-0014 (N       2294+12.22       BORING NO.     3A       Station     2293+79       Offset     24.5 ft LT	<u>/B</u> Ĺ) — —	D E P T H	B L O W S	U C S Qu	M O I S T		STRUC Statio BORIN Statio Offset
Ground Surface Elev. 585.8 Dense, moist, mixture of	ft	(ft)	(/6")	(tsf)	(%)	After     Hrs.     ft     (ft)     (/6")     (tsf)     (%)       Dense, very moist, very fine grain,     Image: second secon	Groun
CONCRETE FRAGMENTS and CLAY TILL	-	_				SAND (continued)	Very sti SANDY
Stiff, very moist, CLAY	583.8	_	37		6		thick ler
	-					¥	Hard, ve
	-		16	1.6 E	16	Sec.0     3.7/S     14       Very stiff, damp, CLAY TILL     561.8     54     9	
	-	-5	10			Very dense, very moist, SANDY 54 9 CLAY LOAM TILL -25	Hard, da
	-						thick ler SAND
	578.8	_	10	1.1 E	11		
Medium to soft, very damp, SILTY CLAY (organic with odor and roots)	-						
100037		_		0.5			
		-10	5	S	21		
Medium, damp, SILTY CLAY	575.3						Boring t
LOAM (organic with odor and wood)	-	_	9	0.9	19	1/2" thick lenses of	
	-		9	S			
	-					Very dense, very moist, cemented, very fine grain, SAND	
	571.3		5	0.6 S	26	w/1" lenses of TILL 551.3 97 16	
Soft, very damp, SILTY CLAY LOAM	-	-15				Very stiff, very moist, CLAY TILL35	
	-	_		0.4	26		
	-		4	S	20	548.8 55 S Medium, damp to very damp, fine	
Soft, very damp, CLAY LOAM	567.8	-				grain, SAND with gravel particles present (max. size 3/8")	
Dense, very moist, very fine grain,	566.8	∠ —	37	0.45/S	22 13		
SAND		-20	31		13	-40	

	FILE NAME = 0250///-74295-078-Boring Logs.dg	n USER NAME = bbovee	DESIGNED -	REVISED		
	BERNARDIN * LOCHMUELLER & ASSOCIATES, INC.	Illinois Design Firm Number 184.001670	CHECKED -	REVISED	STATE OF ILLINOIS	BORING LOG
	3 OAK DRIVE MARYVILLE, ILLINOIS 62062 PHONE (618) 288-4665 FAX (618) 288-4666	PLOT SCALE =	DRAWN - WJS	REVISED	DEPARTMENT OF TRANSPORTATION	STRUCTURE NO. 025–0111 (WB
	FAX (618) 288-4666 PLOT D	PLOT DATE = 3:27:42 PM 8/14/2013	CHECKED - CJF	REVISED		SHEET NO. 78 OF 79

FAI 57/70	DE	SCRI	PTION	١		Bridge Boring LOGGED BY
25-4HVB-1						e-EBL & WBL at U.S. Rte. 45
fingham DR						HAMMER TYPE
(EX) 025-0013 (E (EX) 025-0014 (V	EBL),	D	в	U	м	Surface Water Elevn/a ft
2294+12.22	<u>+0</u> L)	E P	L O	C S	0	Stream Bed Elevn/a ft
3A		T H	ws	Qu	S T	Groundwater Elev.:
2293+79 24.5 ft LT						First Encounter 562.8 ft ▼   Upon Completion 567.2 ft ∑
e Elev. 585.8	ft 545.3		(/6")	(tsf)	(%)	After Hrs ft
oist to damp, DAM TILL with 1"	040.0					-
ery fine SAND		_	78	3.4 S	12	
	542.8	_				
CLAY TILL		_		0-		-
		_	106	6.7 S	10	-
AY TILL with 1/2"	540.8	-45				
nedium grain				6.6		-
			78	0.0 S	12	-
		_				
		-		7.7		-
	535.8		73	S	10	
d at 50 ft.	555.6	-50				
		_				
		_				
		-55				
		_				
		-55				
		_				
		_				
		-60				

DGS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NB) & 025–0112 (EB)	57/70	(25-4HVB-1)BY	EFFINGHAM	1760	613
			CONTRACT	NO. 7	'4295
79 SHEETS		ILLINOIS FED. AI	ID PROJECT		